

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
S 4508

SERIAL NO.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Paul MALLO et al.

FILING DATE
January 19, 1999

GROUP



U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|---------------|---------------|-----------------|-------|--------------|-------------------------------|
| AB | AA | 5,185,395 | 02/93 | ROBINSON et al. | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NO. | PUBL. DATE | COUNTRY OR PATENT OFFICE | CLASS | SUB CLASS | TRANSLATION YES NO |
|----|----|------------------------|---------------|-----------------------------|-------|--------------|-----------------------|
| AB | AJ | WO 92/03498 | 03/92 | International WO | | | N/A |
| AB | AK | 0 503 853 | 09/92 | Europe | | | N/A |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

| | | |
|--|----|--|
| | AO | |
| | AP | |
| | AQ | |

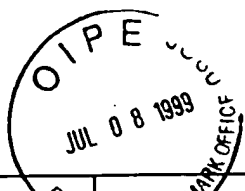
EXAMINER

Alyssa B.

DATE CONSIDERED

10/29/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.



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|---|--|---------------------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b)) | ATTY Docket NO. 5-4508 | SERIAL NO. 09/233,177 |
| | APPLICANT Paul MALLO et al. | |
| | FILING DATE January 19, 1999 | GROUP 1615 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|---------------|---------------|----------------|-------|--------------|-------------------------------|
| JLB | AA | 4,539,368 | 09/85 | DUNCAN et al. | | | |
| | AB | 4,702,844 | 10/87 | FLESHER et al. | | | |
| | AC | 4,906,701 | 03/90 | CLARK, Jr. | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NO. | PUBL. DATE | COUNTRY OR PATENT OFFICE | CLASS | SUB CLASS | TRANSLATION YES NO |
|--|----|----------------------|------------------|--------------------------|-------|--------------|-----------------------|
| | AL | 0 793 957 | 09/97 | Europe | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| | AP | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

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| | AR | |
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EXAMINER**DATE CONSIDERED**

10/29/99

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